

Retek[®] Invoice Matching[™]

11.0.2 ML

Installation Guide

Corporate Headquarters:

Retek Inc.
Retek on the Mall
950 Nicollet Mall
Minneapolis, MN 55403
USA
888.61.RETEK (toll free US)
Switchboard:
+1 612 587 5000
Fax:
+1 612 587 5100

European Headquarters:

Retek
110 Wigmore Street
London
W1U 3RW
United Kingdom
Switchboard:
+44 (0)20 7563 4600
Sales Enquiries:
+44 (0)20 7563 46 46
Fax:
+44 (0)20 7563 46 10

The software described in this documentation is furnished under a license agreement, is the confidential information of Retek Inc., and may be used only in accordance with the terms of the agreement.

No part of this documentation may be reproduced or transmitted in any form or by any means without the express written permission of Retek Inc., Retek on the Mall, 950 Nicollet Mall, Minneapolis, MN 55403, and the copyright notice may not be removed without the consent of Retek Inc.

Information in this documentation is subject to change without notice.

Retek provides product documentation in a read-only-format to ensure content integrity. Retek Customer Support cannot support documentation that has been changed without Retek authorization.

The functionality described herein applies to this version, as reflected on the title page of this document, and to no other versions of software, including without limitation subsequent releases of the same software component. The functionality described herein will change from time to time with the release of new versions of software and Retek reserves the right to make such modifications at its absolute discretion.

Retek[®] Invoice Matching[™] is a trademark of Retek Inc.

Retek and the Retek logo are registered trademarks of Retek Inc.

This unpublished work is protected by confidentiality agreement, and by trade secret, copyright, and other laws. In the event of publication, the following notice shall apply:

©2004 Retek Inc. All rights reserved.

All other product names mentioned are trademarks or registered trademarks of their respective owners and should be treated as such.

Printed in the United States of America.

Customer Support

Customer Support hours

Customer Support is available 7x24x365 via email, phone, and Web access.

Depending on the Support option chosen by a particular client (Standard, Plus, or Premium), the times that certain services are delivered may be restricted. Severity 1 (Critical) issues are addressed on a 7x24 basis and receive continuous attention until resolved, for all clients on active maintenance. Retek customers on active maintenance agreements may contact a global Customer Support representative in accordance with contract terms in one of the following ways.

Contact Method	Contact Information
----------------	---------------------

E-mail	support@retек.com
--------	-------------------

Internet (ROCS)	rocs.retek.com Retek's secure client Web site to update and view issues
-----------------	---

Phone	+1 612 587 5800
-------	-----------------

Toll free alternatives are also available in various regions of the world:

Australia	+1 800 555 923 (AU-Telstra) or +1 800 000 562 (AU-Optus)
France	0800 90 91 66
Hong Kong	800 96 4262
Korea	00 308 13 1342
United Kingdom	0800 917 2863
United States	+1 800 61 RETEK or 800 617 3835

Mail	Retek Customer Support Retek on the Mall 950 Nicollet Mall Minneapolis, MN 55403
------	---

When contacting Customer Support, please provide:

- Product version and program/module name.
- Functional and technical description of the problem (include business impact).
- Detailed step-by-step instructions to recreate.
- Exact error message received.
- Screen shots of each step you take.

Contents

Chapter 1 – Hardware and Software Requirements	1
Database Server	1
Application Server	1
Client PC and Web Browser Requirements.....	1
Client PC requirements	1
Browser requirements.....	1
Chapter 2 – OC4J 10g Standalone Installation Instructions	3
UNIX (Sun Solaris/HPUX/AIX)	3
Copy and Extract Invoice Matching 11.0.2 files from CDROM.....	3
Start/Stop the default OC4J application	4
Edit the file reim.properties	4
Edit the file ReIMResources.properties	5
Reload the default OC4J application	5
Load ReIM 11 in a browser.....	6
ReIM 11 Batch Scripts	6
ReIM 11 Help Files	6

Chapter 1 – Hardware and Software Requirements

Database Server

General requirements for a database server capable of running Invoice Match application include:

- UNIX based OS certified with Oracle RDBMS 9i Release 2 Enterprise Edition. Options include AIX 5.2, Solaris 9, and HP-UX 11.11.
- Oracle RDBMS 9i Release 2 Enterprise Edition.

Application Server

General requirements for an application server capable of running Invoice Match 11 application include:

- UNIX based OS certified with Oracle 10G Application Server (OC4J 9.0.4). Options include AIX 5.2, Solaris 9, and HP-UX 11.11.
- IBM Oracle 10G Application Server (OC4J 9.0.4)

Client PC and Web Browser Requirements

Client PC requirements

- Operating system is Windows 2000 or XP
- Display resolution: 1024x768
- Processor; minimum 1GHz
- Memory; minimum of 512MBytes
- Networking; Intranet with at least 10Mbps data rate.
- Sun JRE 1.4.1 32 bit

Browser requirements

- Microsoft Internet Explorer; version 5.5 or higher

Chapter 2 – OC4J 10g Standalone Installation Instructions

UNIX (Sun Solaris/HPUX/AIX)



Note: ORACLE_HOME is the location where Oracle Containers for J2EE (OC4J) Standalone v9.0.4 is installed for Invoice Matching 11.0. OC4J 9.0.4 standalone is distributed in a zip file format (oc4j_extended.zip), and is available from the Oracle Technology Network (OTN) web site. While Invoice Matching 11 can be deployed to and run on OC4J 9.0.4 as bundled with other Oracle 10G Application Server, this installation guide lists the steps necessary to apply the Invoice Matching 11.0.2 patch to an existing Invoice Matching 11.0.1 application running in OC4J 9.0.2 Standalone. OC4J refers to OC4J 9.0.4 Standalone for the remainder of this installation guide. Additional information about OC4J may be obtained by consulting Oracle support.



Note: Java 2 version 1.4.1 is required to install and run Invoice Matching 11.X on OC4J.



Note: The reim.war file released with Invoice Matching 11.0.2 is a full Invoice Matching 11.0.2 application. It is recommended that the existing Invoice Matching 11.0.1 application be backed up prior to deploying the Invoice Matching 11.0.2 war file. The instructions that follow list steps for backing up an existing Invoice Matching 11.0.1 application in OC4J 9.0.4 Standalone and then for deploying the Invoice Matching 11.0.2 reim.war file in that same J2EE_HOME. For OC4J 9.0.4 Standalone installation instructions, refer to the Invoice Matching 11.0 installation guide (reim-11-ig.doc).

Copy and Extract Invoice Matching 11.0.2 files from CDROM

- 1 Log into the application server as the retek user and determine where the Invoice Matching application file reim1102appserver.zip will be installed. There should be a minimum of 150 MB disk space available for the application installation files.
- 2 Copy the file reim1102appserver.zip from the CD/appserverunix directory to the newly created staging directory. This staging directory will be referred to as INSTALL_DIR for the remainder of this chapter.

- 3 Make sure the following variables are set for the retek user:

```
J2EE_HOME = ORACLE_HOME/j2ee/home
PATH = <Java 1.4.1 bin directory>:$PATH
```


- 4 Change directories to the staging directory and extract the reim1102appserver.zip file.

```
> unzip reim1102appserver.zip
```

The following directories and files should now exist in INSTALL_DIR:

- reim.war
- src.zip (11.0.2 source only)
- web.zip (11.0.2 files only)


- 5 Optional - back up the following file and directory (stop server before backing up, start server after back up complete):
 - J2EE_HOME/applications/reim.war
 - J2EE_HOME/applications/reim.war

 **Example:** > mv reim.war reim_1101.war
> mv reim reim_1101
- 6 Copy the reim.war file from INSTALL_DIR to the J2EE_HOME/applications directory.
- 7 Ensure the correct JDBC driver file (classes12dms.jar) exists in ORACLE_HOME/jdbc/lib. This file should have been copied from DATABASE_ORACLE_HOME/jdbc/lib on the database server to ORACLE_HOME/jdbc/lib on the application server. This will ensure that the JDBC driver version matches the database version. This step will need to be repeated whenever the Oracle database is upgraded.

Start/Stop the default OC4J application

The OC4J container must be reloaded in order for reim.war to be extracted

- 1 Stop OC4J if it is running:
> java -jar admin.jar ormi://<server>:<oc4j_ormi_port> admin <admin password> - shutdown -force
 - server = name or IP address of the server where OC4J is running
 - oc4j_ormi_port = port number in the rmi-server element of rmi.xml
 - admin_password = password supplied during the OC4J install

 **Example:** > java -jar \$J2EE_HOME/admin.jar ormi://server:23791 admin admin - shutdown - force
- 2 Start OC4J:
> java -jar \$J2EE_HOME/oc4j.jar &
” Oracle Application Server Containers for J2EE 10g (9.0.4.0.0) initialized” prompt means the container has started

Edit the file reim.properties

- 1 Change directories to J2EE_HOME/applications/reim/WEB-INF/classes/com/retek/reim.
- 2 Edit the file reim.properties by changing the following parameters: username, batcherrorlogpath, logpath, schemaOwner, batchlogpath, url, DATA_PATH, password:
 - username = additional Oracle user with RMS permissions
 - batcherrorlogpath = path to log directory for error messages (this directory will need to be created)
 - logpath = path to log directory (this directory will need to be created)
 - schemaOwner = RMS/ReIM database schema owner
 - batchlogpath = path to log directory for batch (this directory will need to be created)
 - url = jdbc\:oracle\:thin\:@db_server\:db_port\:db_sid
 - DATA_PATH = path to directory where batch scripts exist (this directory will need to be created)

- language = language in which text will be displayed
- country = locale in which currency, calendar, etc. will be displayed
- password = username password or RMS/ReIM schema owner password

 **Example:** username=rms11dev

batcherrorlogpath=/u00/oracle/batchlogerrors

logpath=/u00/oracle/logs

schemaOwner=rms11dev

batchlogpath=/u00/oracle/batchlog

url=jdbc\:oracle\:thin\:@dbserver\:1521\:prod_db1 username=rms11dev


DATA_PATH=/u00/oracle/data

language=fr


country=FR

password=retex

Edit the file ReIMResources.properties

 **Note:** These steps are only necessary if ReIM is installed in a language other than English. By default ReIM will display English text.

- 1 Change directories to J2EE_HOME/applications/reim/WEB-INF/classes/com/retex/reim/resources/.
- 2 Create a backup copy of the existing ReIMResources.properties.

 **Example:** cp ReIMResources.properties ReIMResources_en_US.properties


- 3 Replace the ReIMResources.properties file with desired language properties file.

 **Example:** cp ReIMResources_fr_FR.properties ReIMResources.properties

Reload the default OC4J application

- 1 To stop OC4J, run the following command:
 > java -jar \$J2EE_HOME/admin.jar ormi://<server>:<oc4j_ormi_port> admin <admin password> -shutdown -force

- server = name or IP address of the server where OC4J is running
- oc4j_ormi_port = port number in the rmi-server element of rmi.xml
- admin_password = password supplied during the OC4J install

 **Example:** > java -jar \$J2EE_HOME/admin.jar ormi://server:23791 admin admin - shutdown - force

- 2 To start OC4J, run the following command:
 > java -jar \$J2EE_HOME/oc4j.jar &
 ” Oracle Application Server Containers for J2EE 10g (9.0.4.0.0) initialized” prompt means the container has started

Load ReIM 11 in a browser

- 1 Load ReIM 11 running on OC4J by entering the following URL in a browser:
`http://<server>:<port>/reim/index.jsp`

- server = name or IP address of the server where OC4J is running
- port = port number set in http-web-site.xml above

 **Example:** <http://server:8888/reim/index.jsp>

- 2 On the ReIM logon form, enter the appropriate Username/Password information in the corresponding fields:
 - Username = ADMIN (default ReIM 11 user)
 - Password = retek (default ReIM 11 user RETEK password)

ReIM 11 Batch Scripts

Invoicing Matching 11.0 batch scripts are to be used for Invoice Matching 11.0.2. Refer to the Invoice Matching 11.0 installation guide (reim-11-ig.doc) for batch scripts instructions.

ReIM 11 Help Files

Invoice Matching 11.0 help files are to be used for Invoice Matching 11.0.2. Refer to the Invoice Matching 11.0 installation guide (reim-11-ig.doc) for help file instructions.